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/SC/		Chinese Office Action for Chinese Application No. 03822233.7, date stamped September 26, 2008.8 pages						
/SC/		English Translation of Chinese Office Action for Chinese Application No. 03822233.7, 8 pages						
/SC/		Sequence from GenBank Accession No. AB045180 created December 13, 2000. 3 pages.						
/SC/		HACKER, GEORG, REDECKER, VANESSA, and HACKER, HANS. (2002) Activation of the Immune System by Bacterial CpG-DNA. Immunology 105:245-251.						
/SC/		CARLONE et al., "Cloning and characterization of the gene encoding the mouse homologue of CpG binding protein," Gene: An International Journal On Genes And Genomes, Elsevier Science Publishers, Barking, GB, Vol. 295, No. 1, July 24, 2002, pp. 71-77, XP 004381373.						
/SC/		HEMMI et al., "A Toll-like receptor recognizes bacterial DNA," Nature, MacMillan Journals Ltd., London, GB, Vol. 408, No. 6813, December 7, 2000, pp. 740-745, XP 002168474.						
/SC/		Application and File History for U.S. Application No. 10/528,235 filed July 30, 2008, inventor Schmidt et al., as available on PAIR at www.uspto.gov.						
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